

**STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)**
**HANNOVER
RWY 27R**

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
NIE 7S	NIENBURG SEVEN SIERRA On runway track to 2.0 DME HAD or 600 ft, whichever is later; RT, on R134 NIE to NIE (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - DV250[R] - NIE.	4000 ft	Bremen Radar 131.325	PDG due to airspace structure. If unable to comply, advise Tower.
CEL 4S	CELLE FOUR SIERRA On runway track to 2.0 DME HAD or 600 ft, whichever is later; RT, on R134 NIE to 5.2 DME HAD; RT, on track 358° until crossing R119 NIE; RT, on track 088° to CEL (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - DV250[R] - DV251[R] - DV253[R] - CEL.			
MULDO 4S	MULDO FOUR SIERRA On runway track to 2.0 DME HAD or 600 ft, whichever is later; RT, on R134 NIE to 5.2 DME HAD; RT, on track 358° until crossing R119 NIE; RT, on R285 HLZ via DOKOK (Δ) to MULDO (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - DV250[R] - DV251[R] - DV252[R] - DV254 - DOKOK - MULDO.			
ELNAT 2S	ELNAT TWO SIERRA Inbound HW; at 4.5 DME HAD LT, on track 209° HW to intercept R173 NIE; on R173 NIE via ADSIN (Δ) and ROLUK (Δ) to TOLTA (Δ); on track 165° to ELNAT (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - HW[L] - DV257[L] - ADSIN - ROLUK - TOLTA[L] - ELNAT.			1. After TOLTA B-RNAV equipment required. 2. See NIE S.
WRB 9S	WARBURG NINE SIERRA Inbound HW; at 4.5 DME HAD LT, on track 209° HW to intercept R173 NIE; on R173 NIE via ADSIN (Δ) and ROLUK (Δ) to TOLTA (Δ); on R053 WRB to WRB (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - HW[L] - DV257[L] - ADSIN - ROLUK - TOLTA[R] - WRB.			1. Destination EDDF: SID ends at TOLTA. 2. See NIE S.
OSN 8S	OSNABRÜCK EIGHT SIERRA Inbound HW; at 4.5 DME HAD LT, on track 250° outbound HW / R070 OSN via IBRAM (Δ) to OSN (Δ). Climb with 7% (425 ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - HW[L] - IBRAM - OSN.			See NIE S.
POVEL 1S	POVEL ONE SIERRA Inbound HW; at 4.5 DME HAD LT, on track 209° HW until crossing R296 DLE; LT, on R289 DLE to DLE (Δ); LT, on R100 DLE to POVEL (Δ). Climb with 7% (425ft/NM) until passing 3500. GPS/FMS RNAV: [A600+] - HW [L] - DV256 [L] - DLE[L] - POVEL			See NIE S.

(Sample: DV252 fly-over way point)

Contact Bremen Radar immediately after take-off!